

Table 8.2c Electricity Net Generation at Combined-Heat-and-Power Plants by Sector, 1989-2001
(Billion Kilowatthours)

Year	Fossil Fuels					Renewable Energy				Other ⁸	Total
	Coal ¹	Petroleum ²	Natural Gas ³	Other Gases ⁴	Total	Conventional Hydroelectric Power ⁵	Wood ⁶	Waste ⁷	Total		
Electric Power Sector (Independent Power Producers Only) ⁹											
1989 ^P	8.4	0.7	30.4	0.5	39.9	0.0	1.3	0.9	2.2	0.3	42.3
1990 ^P	10.8	0.9	43.8	0.6	56.2	0.0	1.4	1.1	2.6	(s)	58.8
1991 ^P	16.9	0.6	50.0	0.7	68.2	0.0	1.7	1.6	3.3	0.4	71.9
1992 ^P	20.7	2.2	63.4	1.2	87.4	0.0	1.9	1.5	3.4	0.5	91.3
1993 ^P	23.4	4.8	75.0	1.0	104.2	0.0	2.0	1.4	3.4	0.4	108.0
1994 ^P	26.4	6.6	86.0	1.1	120.1	0.0	1.6	1.6	3.2	0.2	123.5
1995 ^P	28.1	6.1	101.7	1.9	137.9	0.0	1.7	1.7	3.4	0.2	141.5
1996 ^P	29.2	6.3	105.9	1.3	142.7	0.0	1.9	1.7	3.6	0.2	146.6
1997 ^P	27.6	6.2	108.5	1.5	143.7	0.0	2.2	2.1	4.3	0.1	148.1
1998 ^P	27.2	6.6	113.4	2.3	149.4	0.0	2.0	2.3	4.2	0.2	153.8
1999 ^P	26.6	6.7	116.4	1.6	151.2	0.0	1.7	2.4	4.1	0.1	155.4
2000 ^P	32.5	7.2	118.6	1.8	160.2	0.0	1.6	2.7	4.3	0.1	164.6
2001 ^E	32.6	6.8	124.1	2.2	165.8	0.0	1.9	2.7	4.6	0.5	170.9
Commercial Sector ¹⁰											
1989 ^P	0.7	0.6	2.2	0.1	3.6	0.1	0.1	0.5	0.7	0.0	4.3
1990 ^P	0.8	0.6	3.1	0.1	4.6	0.1	0.1	0.8	1.0	0.0	5.6
1991 ^P	0.8	0.4	3.2	0.1	4.5	0.1	0.1	0.9	1.1	(s)	5.7
1992 ^P	0.7	0.3	3.9	0.1	5.0	0.1	0.1	1.0	1.2	(s)	6.2
1993 ^P	0.9	0.3	4.5	0.1	5.8	0.1	0.1	1.0	1.2	(s)	7.0
1994 ^P	0.8	0.4	4.9	0.1	6.3	0.1	0.1	1.2	1.3	0.0	7.6
1995 ^P	1.0	0.4	5.2	0.0	6.5	0.1	0.1	1.5	1.7	(s)	8.2
1996 ^P	1.1	0.4	5.2	(s)	6.7	0.1	0.1	2.2	2.4	(s)	9.0
1997 ^P	1.0	0.4	4.7	(s)	6.2	0.1	(s)	2.3	2.5	(s)	8.7
1998 ^P	1.0	0.4	4.9	(s)	6.3	0.1	(s)	2.3	2.5	0.0	8.7
1999 ^P	1.0	0.4	4.6	(s)	6.0	0.1	(s)	2.4	2.5	(s)	8.6
2000 ^P	1.1	0.4	4.3	(s)	5.8	0.1	(s)	2.0	2.1	(s)	7.9
2001 ^E	1.0	0.3	4.0	(s)	5.3	0.1	(s)	1.9	2.1	(s)	7.4
Industrial Sector ¹¹											
1989 ^P	20.7	5.0	53.2	7.3	86.1	2.5	21.6	0.9	24.9	3.5	114.6
1990 ^P	19.3	6.2	57.1	9.0	91.6	2.7	23.1	0.9	26.8	3.6	122.0
1991 ^P	21.0	6.5	60.6	10.5	98.6	2.7	25.9	0.9	29.5	4.3	132.4
1992 ^P	22.7	7.6	65.9	12.0	108.2	2.9	27.9	0.9	31.8	3.2	143.3
1993 ^P	23.7	7.0	68.2	11.9	110.9	2.9	28.4	1.1	32.3	3.1	146.3
1994 ^P	23.6	6.8	69.6	12.1	112.1	6.0	28.7	1.0	35.7	3.4	151.2
1995 ^P	22.4	6.0	71.7	11.9	112.1	5.3	28.9	0.9	35.1	3.9	151.0
1996 ^P	22.2	6.3	71.0	13.0	112.5	5.9	28.4	0.9	35.2	3.4	151.0
1997 ^P	23.2	5.6	75.1	11.8	115.8	5.7	28.2	0.9	34.8	3.5	154.1
1998 ^P	22.3	6.2	77.1	11.2	116.8	5.3	27.7	0.9	33.9	3.4	154.1
1999 ^P	21.5	6.1	78.8	12.5	118.9	4.8	28.1	0.7	33.5	3.9	156.3
2000 ^P	22.1	5.6	78.8	11.9	118.4	4.1	28.7	0.8	33.6	4.7	156.7
2001 ^E	22.0	5.9	73.6	11.7	113.2	3.6	27.7	1.0	32.4	4.5	150.1

¹ Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

² Distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, and waste oil.

³ Natural gas, including a small amount of supplemental gaseous fuels.

⁴ Blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels.

⁵ Includes combined-heat-and-power (CHP) plants that use multiple sources of energy including hydropower.

⁶ Wood, black liquor, and other wood waste.

⁷ Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass.

⁸ Batteries, chemicals, hydrogen, pitch, purchased steam, sulfur, and miscellaneous technologies.

⁹ CHP plants whose primary business is to sell electricity and heat to the public—i.e., NAICS 22 CHP plants. For 1989-2001, does not include electric utility CHP plants—these are included in "Electric Power

Sector" on Table 8.2b.

¹⁰ Commercial combined-heat-and-power (CHP) and a small number of commercial electricity-only plants. See Appendix G for commercial sector NAICS codes.

¹¹ Industrial combined-heat-and-power (CHP) and a small number of industrial electricity-only plants.

See Appendix G for industrial sector NAICS codes.

P=Preliminary. E=Estimate. (s)=Less than 0.05 billion kilowatthours.

Note: Totals may not equal sum of components due to independent rounding.

Web Page: <http://www.eia.doe.gov/fuelelectric.html>.

Sources: • 1989-1997—Energy Information Administration (EIA), Form EIA-867, "Annual Nonutility Power Producer Report." • 1998-2000—EIA, Form EIA-860B, "Annual Electric Generator Report—Nonutility." • 2001—EIA, Form EIA-906, "Power Plant Report."